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Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 60900
Application ID: 09841000
Title of Invention: IN SITU THERMAL PROCESSING
OF A HYDROCARBON
CONTAINING FORMATION TO
INCREASE A PERMEABILITY OF
THE FORMATION
First Named Inventor: Eric de Rouffignac
Domestic/Foreign Application: Domestic Application
Filing Date: 2001-04-24
Effective Receipt Date: 2004-05-13
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 4713
Attorney Docket Number: 5659-02400
Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 501505
Deposit Account Name: Eric B. Meyertons
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-05-13
RAM Sequence Number: 41

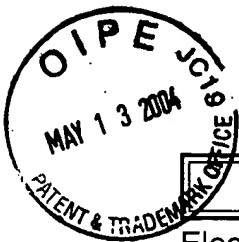


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GROUP 3600

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Office,ou=Department of Commerce,o=U.S. Government,c=US
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TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

| Title of Invention | IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A PERMEABILITY OF THE FORMATION | | | | | | | | | | | | | | | |
|--|--|---|---------------------------|-------------|---|---|-------------------|------------------------|---------------------------|----------------------|--------|-------------------------|------------|------------|--|------------|
| <table><tr><td>Application Number:</td><td>09/841000</td><td rowspan="5"> RECEIVED MAY 18 2004 GROUP 3600</td></tr><tr><td>Date:</td><td>2001-04-24</td></tr><tr><td>First Named Applicant:</td><td>Eric Pierre de Rouffignac</td></tr><tr><td>Confirmation Number:</td><td>4713</td></tr><tr><td>Attorney Docket Number:</td><td>5659-02400</td></tr></table> | | | Application Number: | 09/841000 |  RECEIVED MAY 18 2004 GROUP 3600 | Date: | 2001-04-24 | First Named Applicant: | Eric Pierre de Rouffignac | Confirmation Number: | 4713 | Attorney Docket Number: | 5659-02400 | | | |
| Application Number: | 09/841000 |  RECEIVED MAY 18 2004 GROUP 3600 | | | | | | | | | | | | | | |
| Date: | 2001-04-24 | | | | | | | | | | | | | | | |
| First Named Applicant: | Eric Pierre de Rouffignac | | | | | | | | | | | | | | | |
| Confirmation Number: | 4713 | | | | | | | | | | | | | | | |
| Attorney Docket Number: | 5659-02400 | | | | | | | | | | | | | | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Eric B. Meyertons Registered Number: 34876</td><td>Eric B. Meyertons</td><td>Attorney</td></tr></tbody></table> | | | Submitted by: | Elec. Sign. | Sign. Capacity | Eric B. Meyertons Registered Number: 34876 | Eric B. Meyertons | Attorney | | | | | | | | |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | | | | | | | | | | |
| Eric B. Meyertons Registered Number: 34876 | Eric B. Meyertons | Attorney | | | | | | | | | | | | | | |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>u11-u19-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>u11-u19-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table> | | | Documents being submitted | Files | us-fee-sheet | u11-u19-usfees.xml | | us-fee-sheet.xsl | | us-fee-sheet.dtd | us-ids | u11-u19-usidst.xml | | us-ids.dtd | | us-ids.xsl |
| Documents being submitted | Files | | | | | | | | | | | | | | | |
| us-fee-sheet | u11-u19-usfees.xml | | | | | | | | | | | | | | | |
| | us-fee-sheet.xsl | | | | | | | | | | | | | | | |
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| | us-ids.xsl | | | | | | | | | | | | | | | |

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| Comments |
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FEE TRANSMITTAL

Electronic Version v08

Stylesheet Version v08.0

| Title of Invention | IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO INCREASE A PERMEABILITY OF THE FORMATION | | | | | | | | | | |
|--|---|--|-------------|-----------------|----------|-----------|-------------|---|------|-----|-----|
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| Date: 2001-04-24 | | RECEIVED MAY 18 2004 GROUP 3600 | | | | | | | | | |
| First Named Applicant: Eric Pierre de Rouffignac | | | | | | | | | | | |
| Attorney Docket Number: 5659-02400 | | | | | | | | | | | |
| Art Unit: 3672 | | | | | | | | | | | |
| Examiner: George ASuchfield | | | | | | | | | | | |
| TOTAL FEE AUTHORIZED \$180 | | | | | | | | | | | |
| Patent fees are subject to annual revisions on or about October 1st of each year. | | | | | | | | | | | |
| BASIC FILING FEE | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table> | | | | Fee Description | Fee Code | Amount \$ | Fee Paid \$ | Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 |
| Fee Description | Fee Code | Amount \$ | Fee Paid \$ | | | | | | | | |
| Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 | | | | | | | | |
| AUTHORIZED BILLING INFORMATION | | | | | | | | | | | |
| The commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | | | | | | | | | | | |
| Deposit account number: 501505 | | | | | | | | | | | |
| Access Code: **** | | | | | | | | | | | |
| Deposit name: Meyertons, Hood, Kivlin, Kowert, Goetzel, P.C. | | | | | | | | | | | |
| Deposit authorized name: Eric B. Meyertons | | | | | | | | | | | |
| Signature: Eric B. Meyerton | | | | | | | | | | | |
| Date (YYYYMMDD): 2004-05-13 | | | | | | | | | | | |
| Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17. | | | | | | | | | | | |



FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

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| Art Unit: 3672 | | | | | | | | | | | |
| Examiner: George ASuchfield | | | | | | | | | | | |
| TOTAL FEE AUTHORIZED \$180 | | | | | | | | | | | |
| Patent fees are subject to annual revisions on or about October 1st of each year. | | | | | | | | | | | |
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| Fee Description | Fee Code | Amount \$ | Fee Paid \$ | | | | | | | | |
| Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 | | | | | | | | |
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| Signature: Eric B. Meyerton | | | | | | | | | | | |
| Date (YYYYMMDD): 2004-05-13 | | | | | | | | | | | |
| Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17. | | | | | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON
CONTAINING FORMATION TO INCREASE A
PERMEABILITY OF THE FORMATION

Application Number: 09/841000

Confirmation Number: 4713

First Named Applicant: Eric de Rouffignac

Attorney Docket Number: 5659-02400

Art Unit: 3672

Examiner: George A Suchfield

Search string: (3994340 or 3994341 or 4460044 or 4696345
or 2584605 or 2969226 or 3982591 or
3982592).pn.



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Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|-----------------|------|-------|----------|
| | 1 | 3994340 | 1976-11-30 | Anderson et al. | | | |
| | 2 | 3994341 | 1976-11-30 | Anderson et al. | | | |
| | 3 | 4460044 | 1984-07-17 | Porter | | | |
| | 4 | 4696345 | 1987-09-29 | Hsueh | | | |
| | 5 | 2584605 | 1952-02-05 | Merriam et al. | | | |
| | 6 | 2969226 | 1961-01-24 | Huntington | | | |
| | | | | | | | |

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|--|---|---------|------------|----------------|
| | 7 | 3982591 | 1976-09-28 | Hamrick et al. |
| | 8 | 3982592 | 1976-09-28 | Hamrick et al. |

Signature

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|---------------|------|
| Examiner Name | Date |
| | |